



PATENT ABSTRACTS OF JAPAN

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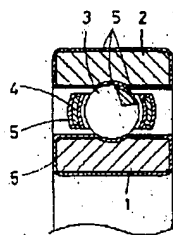
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F16C 33/66**F16C 33/32****F16C 33/38****F16C 33/58**(21) Application number: **08237501**(71) Applicant: **KOYO SEIKO CO LTD**(22) Date of filing: **09.09.96**(72) Inventor: **TOYODA YASUSHI
HAYASHIDA KAZUNORI
TAKEBAYASHI HIROAKI**(30) Priority: **11.09.95 JP 07232608**(54) **ROLLING BEARING AND LUBRICATION FILM
FORMING METHOD THEREOF**

(57) Abstract:

PROBLEM TO BE SOLVED: To restrain any dust generation and improve a lubrication property and achieve a long life in a rolling bearing.

SOLUTION: A solid film 5 of polyurethane high polymer compound containing fluorine is formed on the at least one of the constitution elements (inner/outer rings 1, 2, rolling bodies 3 and a retainer 4) of a rolling bearing. As this solid film 5 of polyurethane high polymer compound containing fluorine, whose molecule is urethane combination, is formed in a three dimensional netting structure, wear in addition to peeling off and lack is restrained.



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